

METHOD OF OPERATING A HYBRID ELECTRIC VEHICLE TO LIMIT NOISE, VIBRATION, AND HARSHNESS

Abstract

A controller and a method for use in a vehicle to limit noise, vibration, and harshness (NVH) by controlling torque matching between a first power source and a second power source. A first and a second torque estimate are made for the first power source. The torque matching comprises calculating a correction factor based upon a comparison of the torque estimates made during steady-state operating conditions of the vehicle. The first torque estimate is based on operating parameters for the first power source and the second torque estimate is based on operating parameters for the second power source.